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|-------------------------------|------------------------|--|---------------------|--|
| <b>Notice of Allowability</b> | <b>Application No.</b> |  | <b>Applicant(s)</b> |  |
|                               | 10/767,440             |  | FANN ET AL.         |  |
|                               | <b>Examiner</b>        |  | <b>Art Unit</b>     |  |
|                               | Sharidan Carrillo      |  | 1746                |  |

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 01/30/2004.
2. ☒ The allowed claim(s) is/are 3,5-8,10 and 11.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date <u>08/17/2004</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material                                 | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |

  
**SHARIDAN CARRILLO**  
**PRIMARY EXAMINER**

Sharidan Carrillo  
 Primary Examiner  
 Art Unit: 1746

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### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Robert Berdo Jr. on 8/25/2005.

The application has been amended as follows:

Cancel claims 1, 2, 4 , 9

Add the following new claims :

--10. (new) A method of continuously removing jelly compounds from a jelly filled cable by recycling a solvent, comprising the steps:

putting a jelly filled cable core in a perforated basket, and then setting said basket in a cleaning tank;

transferring a solvent into an evaporation and concentration tank and heating said solvent with a first heater until said solvent boils and vaporizes, and transporting the vaporized solvent into a condenser via a vapor pipe so as to perform heat exchange between said vapor pipe and said cleaning tank, thereby heating said cleaning tank;

condensing said vaporized solvent in said condenser and then transporting said condensed solvent from said condenser into said cleaning tank;

removing said jelly compounds from the jelly filled cable by immersing said jelly filled cable in said solvent, heating said cleaning tank with said vapor pipe and

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maintaining the temperature of the solvent at the solvent boiling point in the cleaning tank by employing a second heater as an auxiliary means for temperature control, and agitating said solvent in said cleaning tank with an agitator so as to dissolve the jelly compounds, the operating time being maintained at least 3 minutes after said jelly filled cable has been completely immersed in said solvent, and afterwards discharging a solution containing the jelly compounds into said evaporation and concentration tank via a liquid transportation pipe;

heating said evaporation and concentration tank so as to concentrate and accumulate the jelly compounds in said evaporation and concentration tank and vaporize said solvent, said vaporized solvent being returned to said cleaning tank after being condensed for reuse; and

repeating the steps so as to continuously remove jelly compounds from the jelly filled cable by recycling the solvent.--

--11. (new) The method as in claim 10, wherein said solution is transferred to a separate evaporator means for separation and recovery of said solvent and the jelly compounds.—

Claim 3:

Line 1, delete "1" and insert --10--

Line 1, delete "collected"

Line 2, after "compounds" insert --in said evaporation and concentration tank--

Line 2, after "purified" delete "by evaporation and concentration"

Claims 5-8, line 1, delete "1" and insert –10—

The following is an examiner's statement of reasons for allowance: The prior art fails to teach transferring the vaporized solvent from the evaporation and concentration tank into a condenser via a vapor pipe so as to perform heat exchange between the vapor pipe and the cleaning tank, thereby heating the cleaning tank, condensing the vaporized solvent in the condenser and then transporting the condensed solvent from the condenser into the cleaning tank and further fails to teach heating the cleaning tank with the vapor pipe. The closest prior art is that of Kallas (4173493). Kallas teaches transporting the solvent from the evaporation tank into the cleaning bath. Kallas fails to teach transporting the vaporized solvent into the condenser and then into the cleaning tank. The condenser means (86) is used to prevent the escape of solvent. Additionally, Kallas fails to teach or suggest heating the cleaning tank with the vapor pipe.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Farnsworth teaches a cleaning composition. Budzich teaches reclaiming composite materials. Carr et al. teach jelly-filled communication cables.

Crespel et al. teach degreasing of optical fibers. Miller teaches cleaning a cable with an ester solution. Neimi teaches an extraction process of treating cables by crushing and grinding.

2. In an interview with Mr. Berdo on 8/25/2005, the examiner discussed amending claims to correct 112, second paragraph issues. Claims 2, 4, and 9 were cancelled because of the 112, second paragraph issues and because they were not further limiting.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sharidan Carrillo whose telephone number is 571-272-1297. The examiner can normally be reached on M-W 6:30-4:00pm, alternating Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Barr can be reached on 571-272-1414. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Sharidan Carrillo

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Primary Examiner  
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**SHARIDAN CARRILLO**  
**PRIMARY EXAMINER**